

in AFS
4/22/02



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

AFS# 42-003-00032
APCI = 0
ATP!
DTA 020321

March 21, 2002

Dr. Roger C. Westman
Department of Air Quality
Bureau of Air Pollution Control
301 Thirty-Ninth Street
Pittsburgh, PA 15201

U.S. Environmental Protection Agency
Region III
Air, Radiation & Toxics Division
1650 Arch Street
Philadelphia, PA 19103-2029
ATTN: James W. Hagedorn (3AT23)

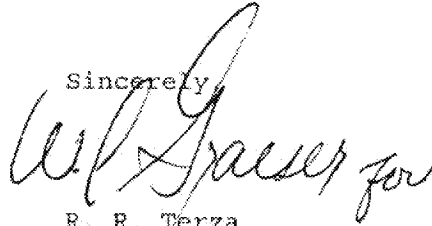
Assistant Council
Department of Environmental Protection
Southwest Region
400 Waterfront Drive
Pittsburgh, PA 15222-4745
ATTN: Ward Kelsey, Esq.

Department of Justice
Environmental and Natural Resource Division
Environmental Enforcement Section
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044
ATTN: David Street, Esq.

Subject: USS Reference Number: 02-0028
Sulfur Plant
USS Clairton Works

Gentlemen:

The attached form confirms our verbal report of the subject incident. Any questions concerning this matter should be referred to Coleen M. Davis at 233-1015.

Sincerely,

R. R. Terza
General Manager
Clairton Works Raw Materials

NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 02-0028
2. Date & Time of Breakdown: Date: 03/20/02 Time: 1050 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: Sulfur Plant
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: Coke Oven Gas was passed through the Sulfur Plant when a breakdown at the Boiler House #1 Boiler resulted in a loss of steam for stripping at the sulfur plant.
8. Identification of Emissions:
 - A. Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)
Elevated H₂S in the down river gas line system, causing increased SO₂ at point of combustion. The #2 Boiler was the only combustion source affected at Clairton Works.
 - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). SO₂ is an eye, nose, and throat irritant.
 - C. Amount of each type emitted (or likely to be emitted).

| Chemical | Quantity Released (lbs) |
|-----------------|-------------------------|
| CO | 400 |
| NO _x | 90 |
| SO ₂ | 3500 |
| Hydrocarbons | 150 |

9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).

The steam pressure was restored and the facilities were brought back on line.

10. Facility back in operation - Date: 03/20/02 Time: 1400 hours

Signature Coleen M. Davis Date 3/27/02
Coleen M. Davis
Environmental Control Engineer Phone: 233-1015